Fig. 1

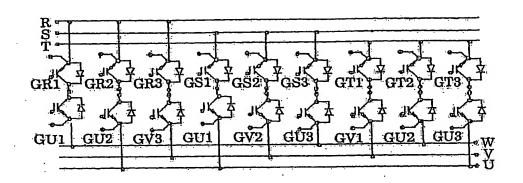
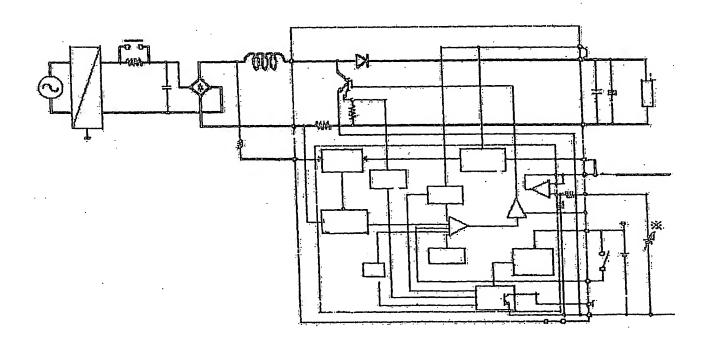


Fig. 2



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Fig. 3

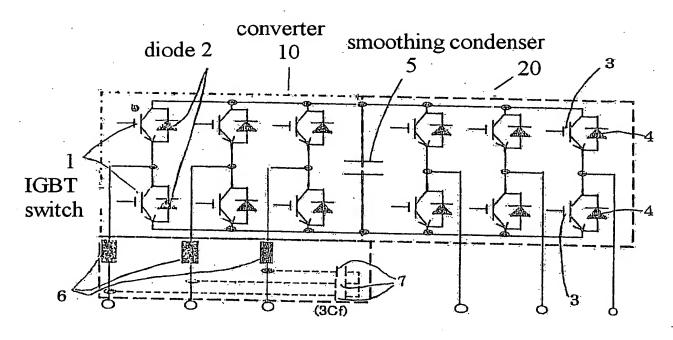


Fig. 4

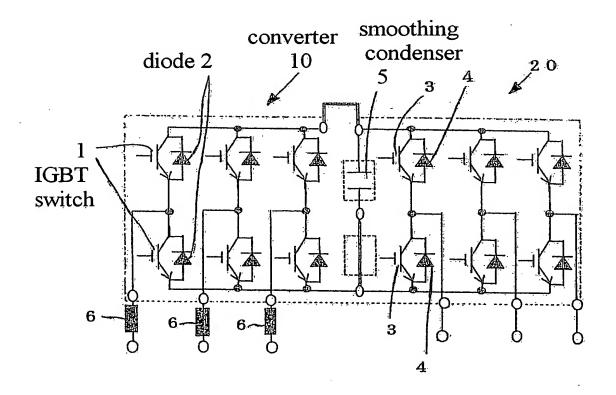
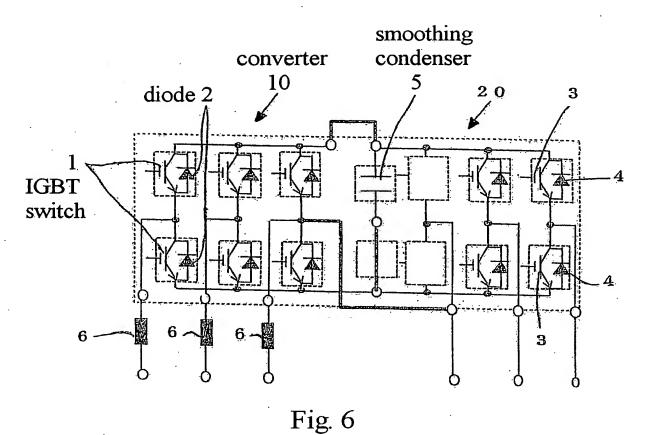


Fig. 5



condenser

Fig. 7

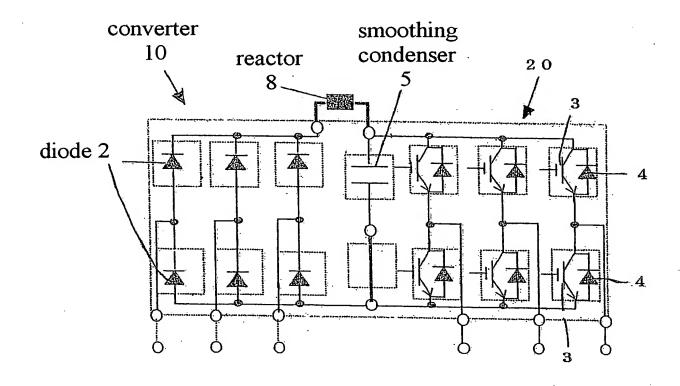


Fig. 8

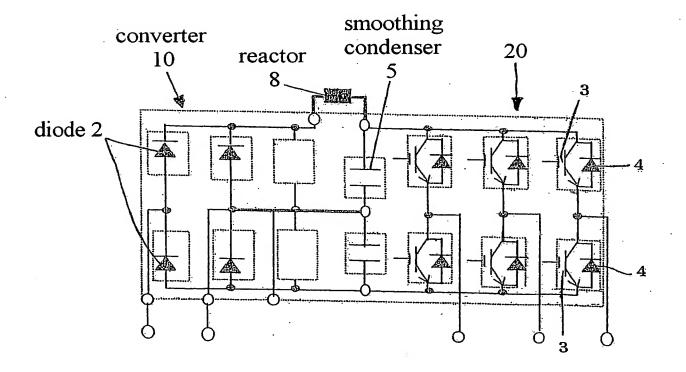


Fig. 9

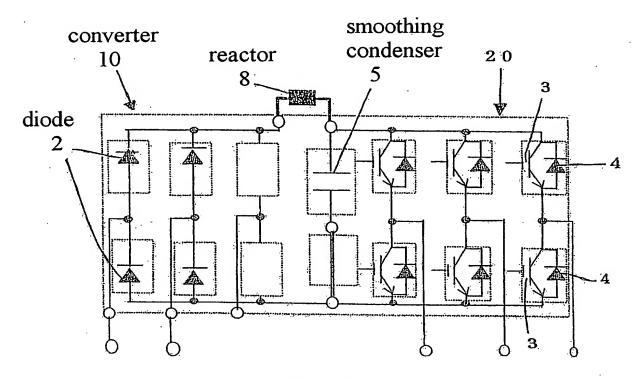


Fig. 10

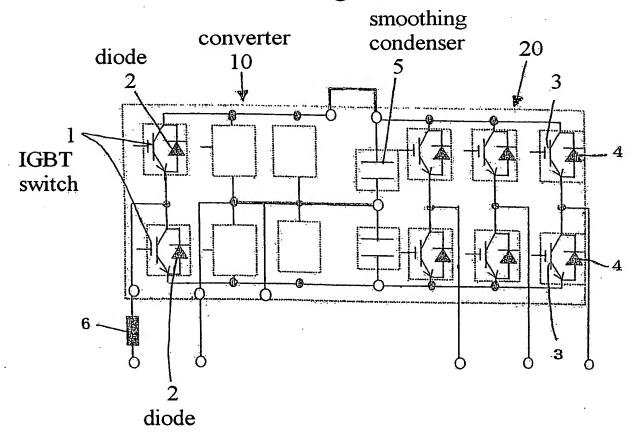


Fig. 11

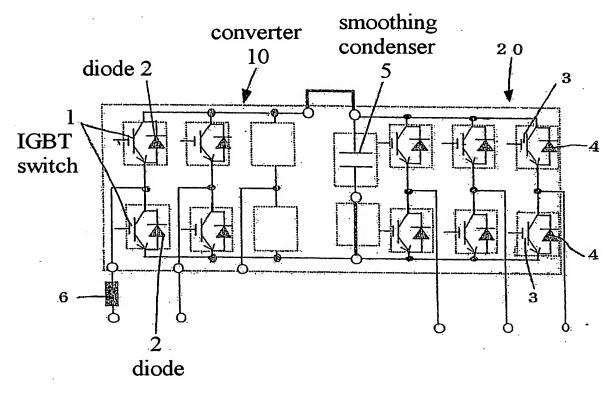


Fig. 12

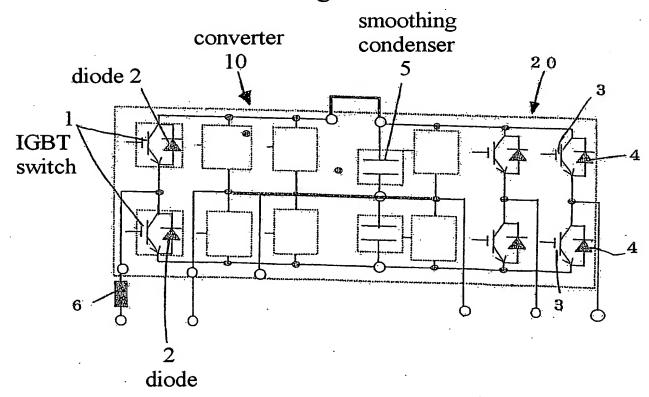


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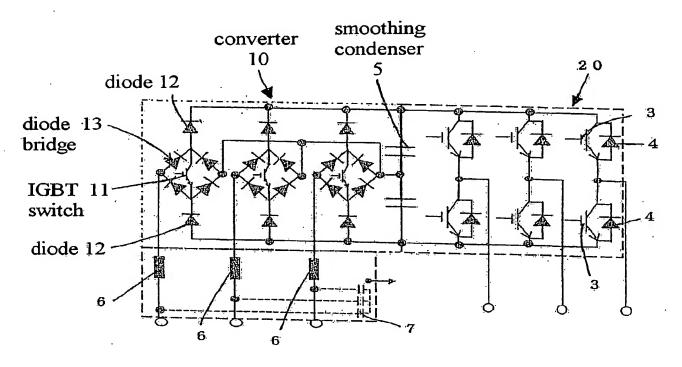


Fig. 14

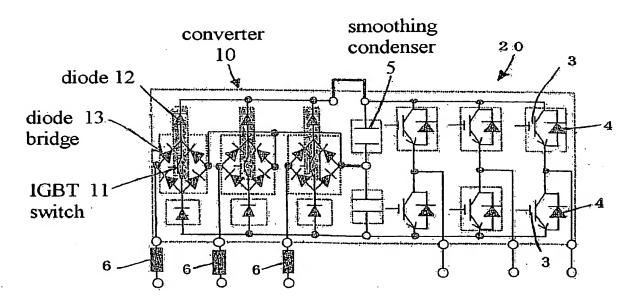


Fig. 15

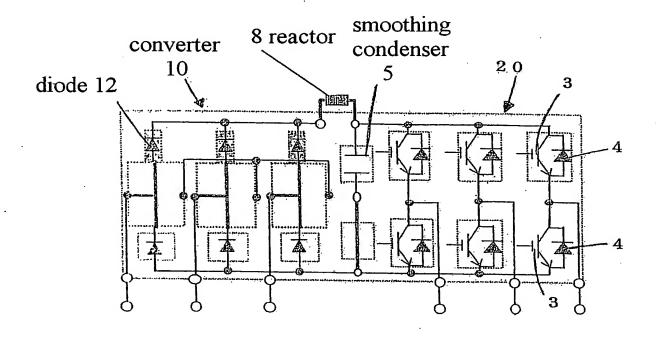


Fig. 16

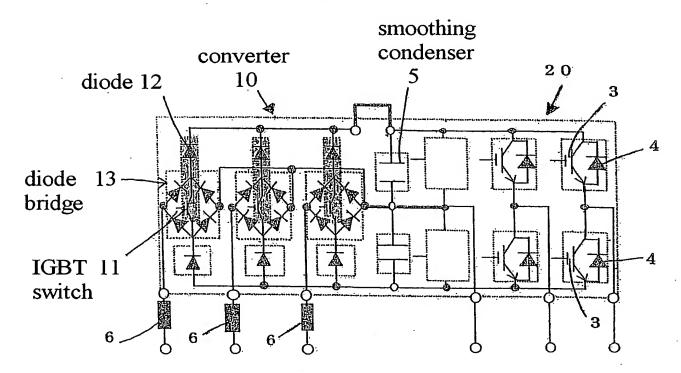


Fig. 17

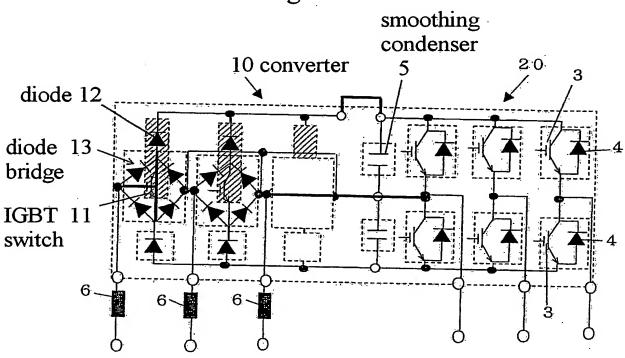


Fig. 18

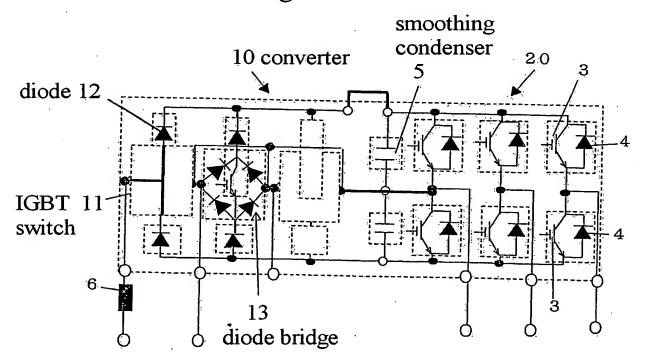


Fig. 19

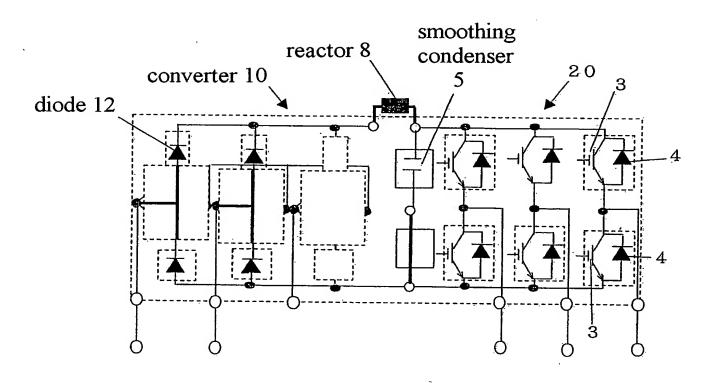


Fig. 20
smoothing condenser

converter 10

IGBT 11
switch

13
diode bridge

Fig.21

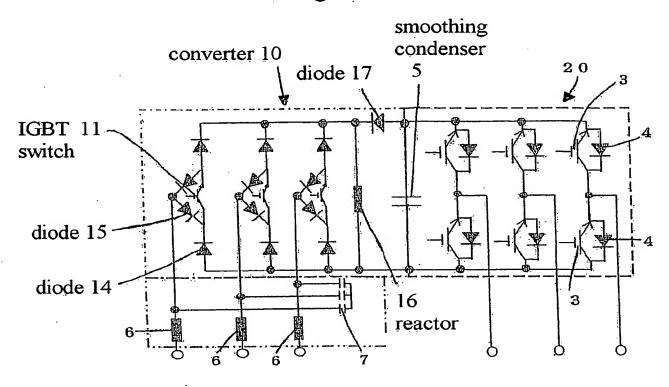
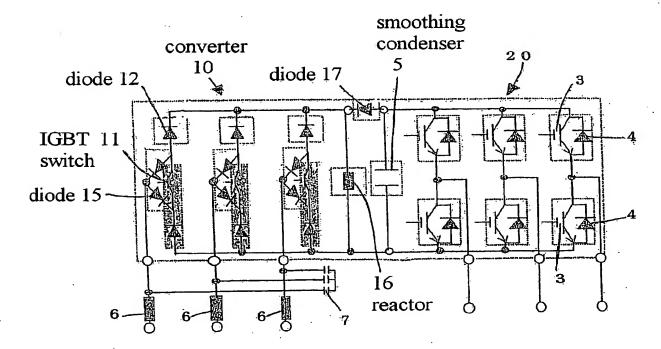
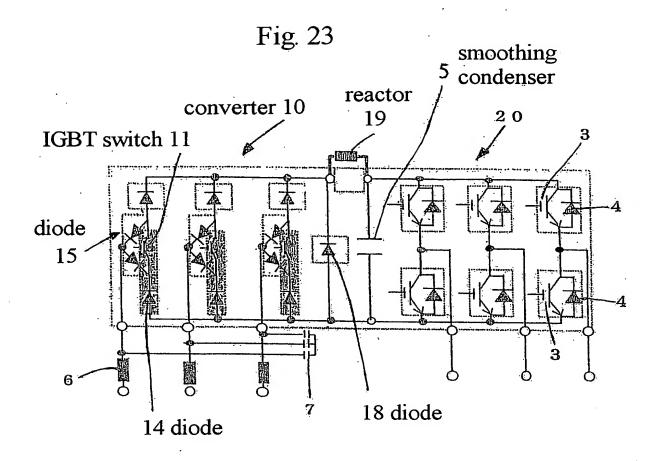


Fig.22





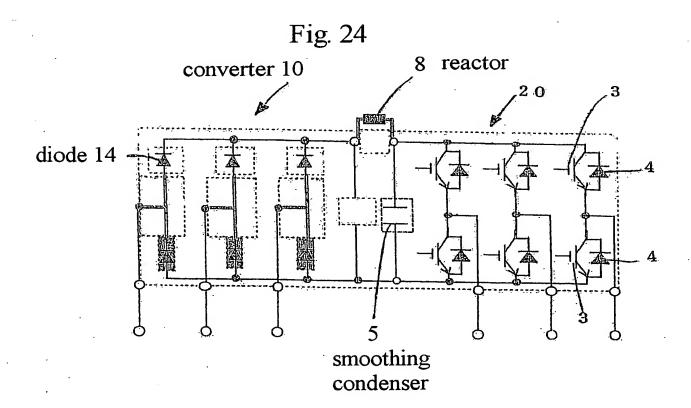


Fig.25

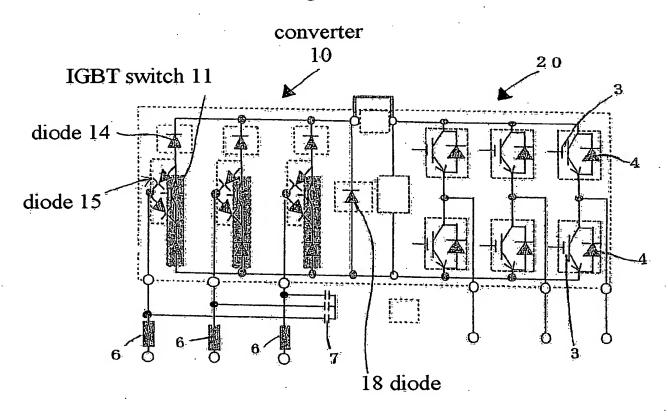


Fig.26

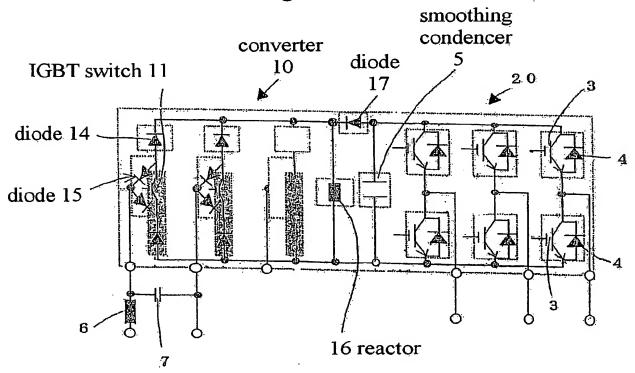


Fig. 27

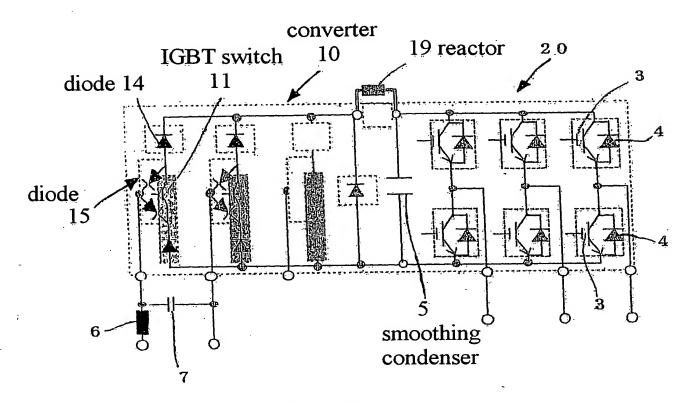


Fig. 28

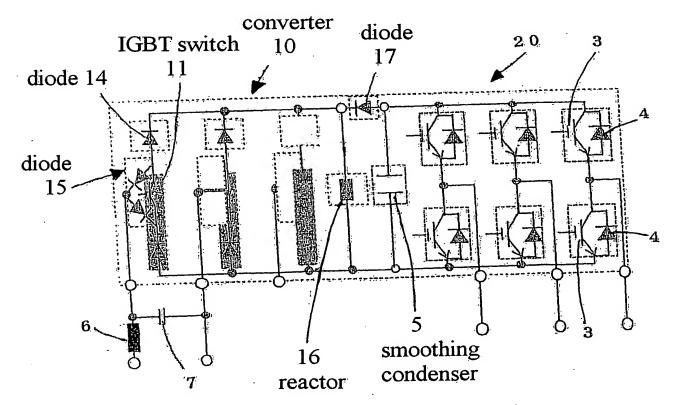


Fig.29

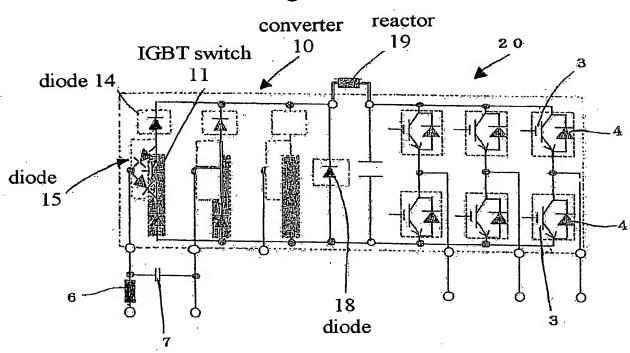


Fig.30

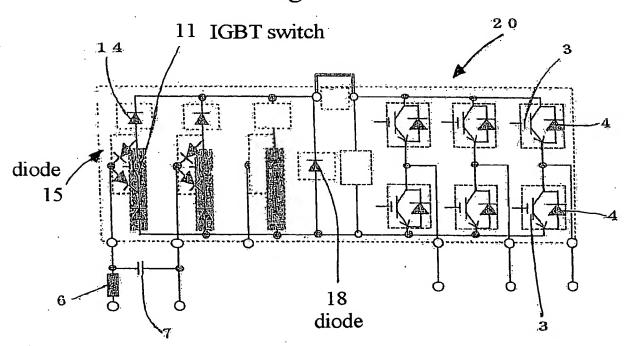


Fig. 31

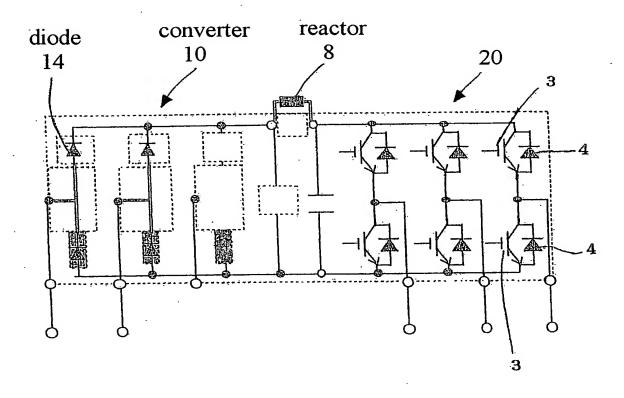


Fig. 32

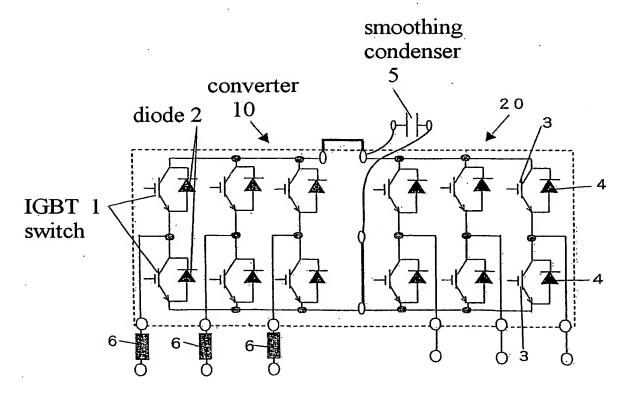


Fig. 33

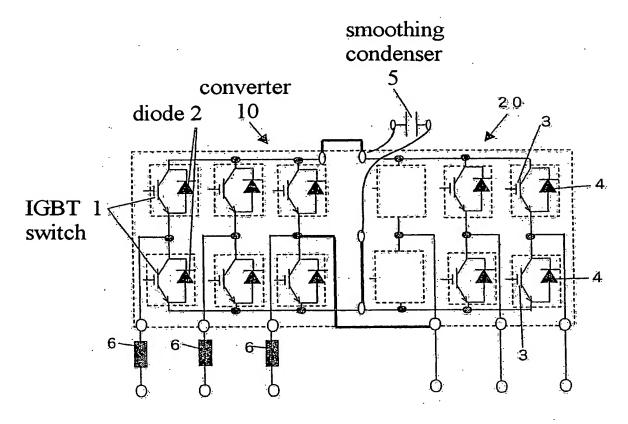


Fig.34

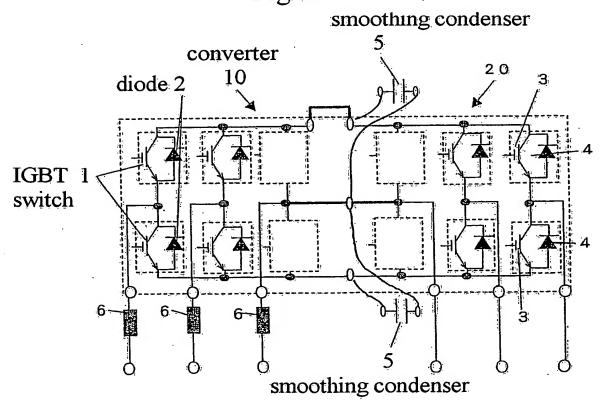


Fig. 35

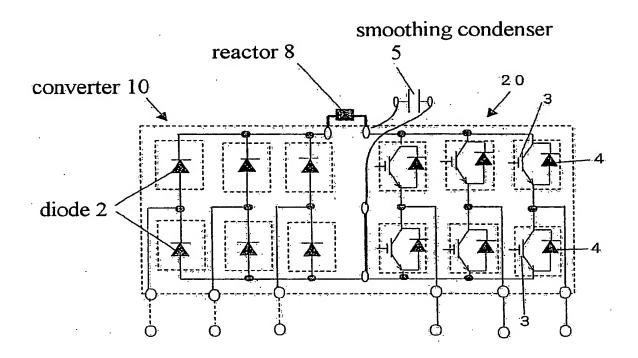


Fig. 36

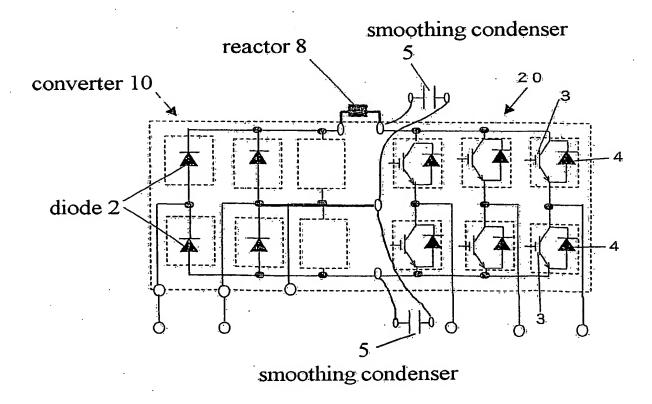


Fig. 37

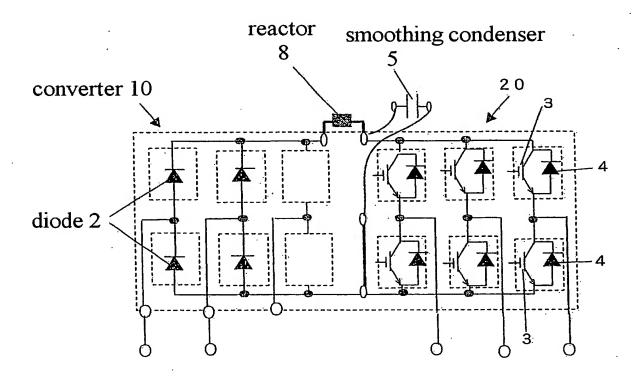


Fig. 38

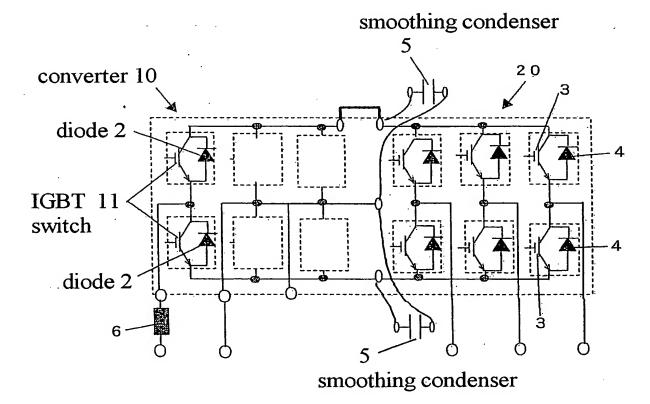


Fig. 39

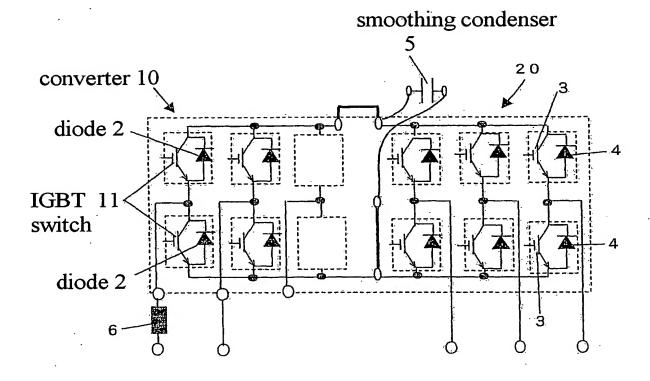
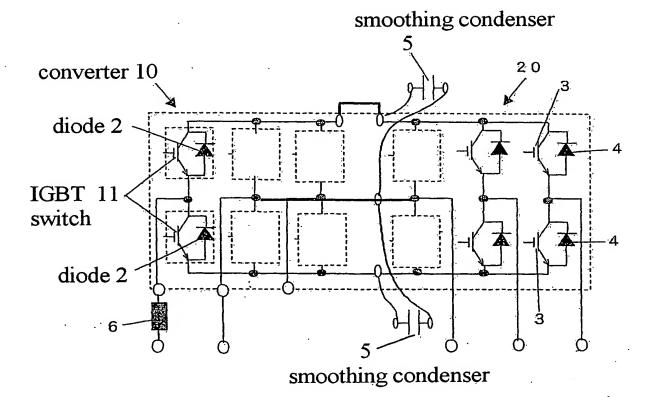
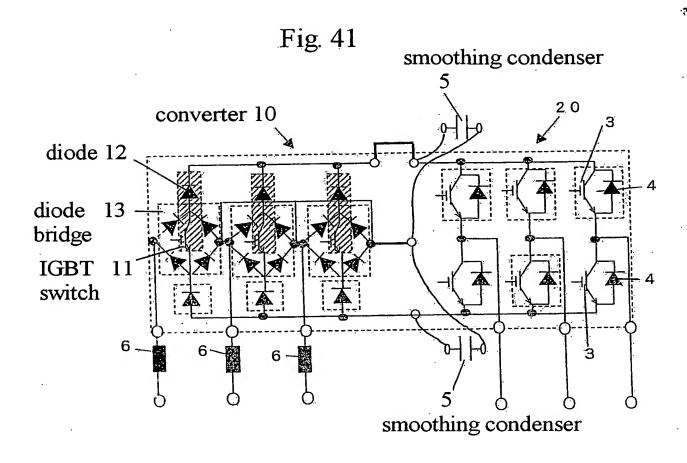


Fig. 40





reactor 8 smoothing condenser

converter 10

diode 12

Fig. 43

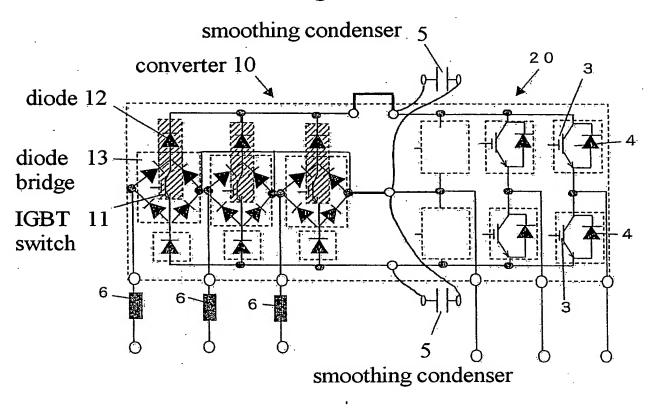


Fig. 44

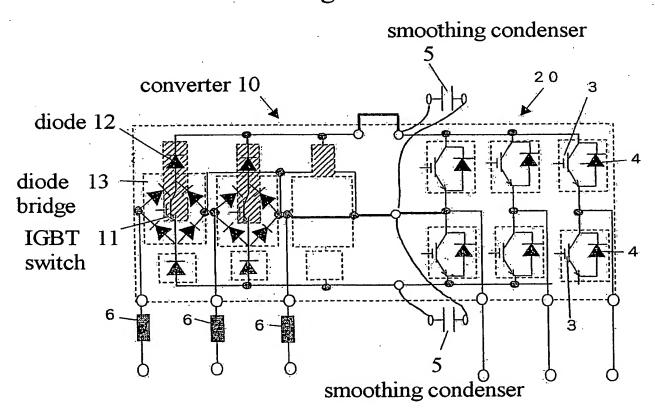


Fig. 45

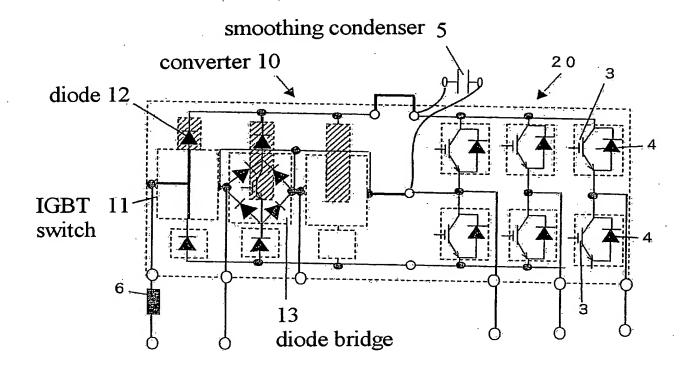


Fig. 46

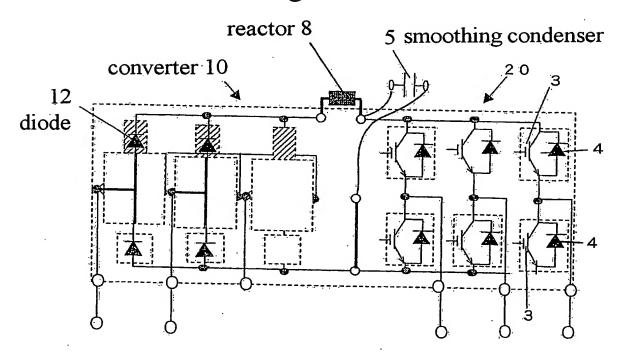
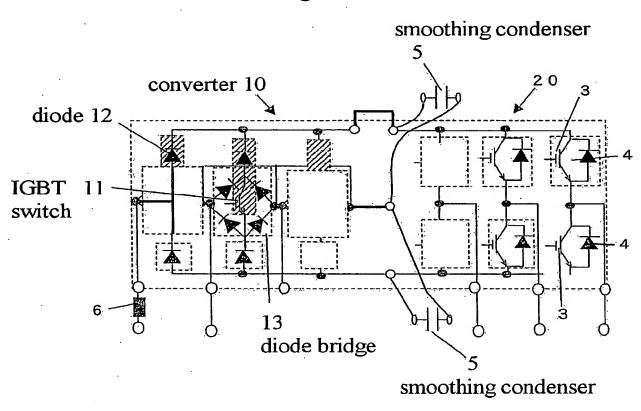


Fig47



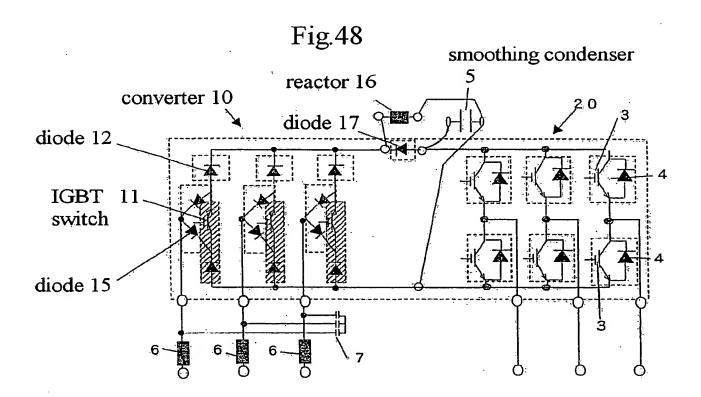


Fig.49

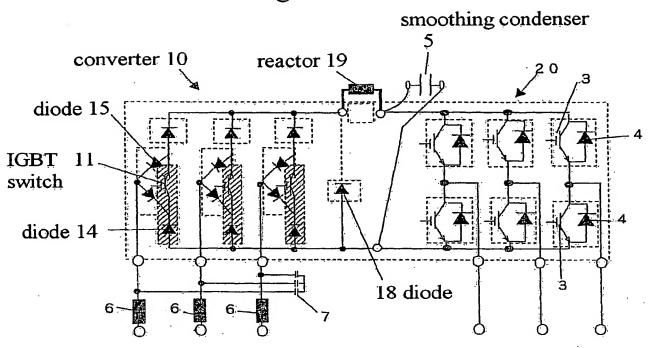


Fig. 50 smoothing condenser

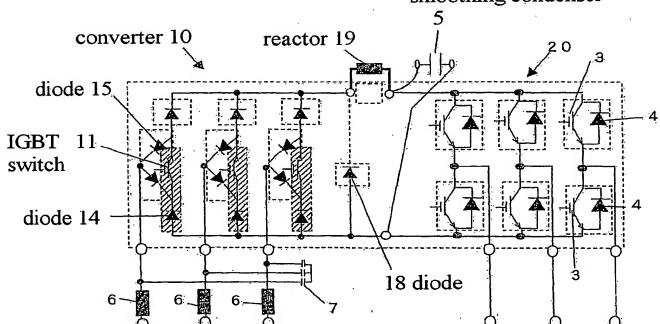


Fig.51

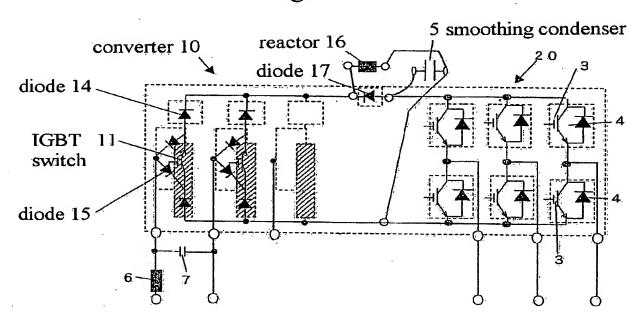


Fig. 52

converter 10

reactor 19

Giode 14

IGBT 11

switch

diode 15

Fig.53

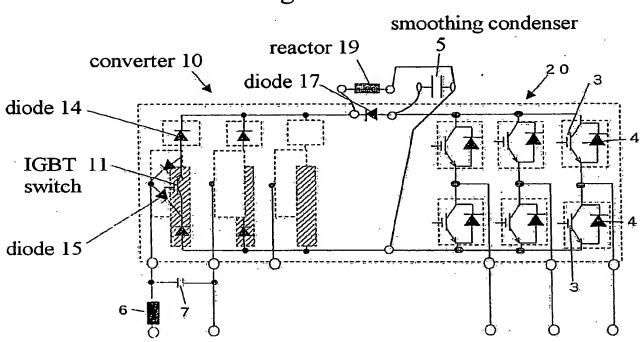
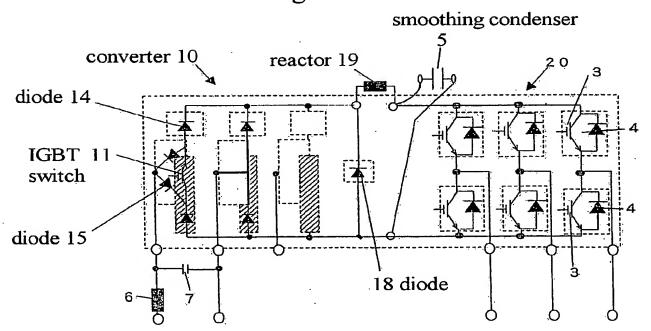


Fig.54



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